



* All images in this datasheet are for illustrative purposes only.

High-Brightness IP-Rated Outdoor Display

Durable Outdoor Display with Clear Picture Quality, Even in Direct Sunlight



Anti-Discoloration



4,000 nits
High Brightness



High Reliability



Energy Management
Features



webOS Platform



Smart Monitoring
& Control

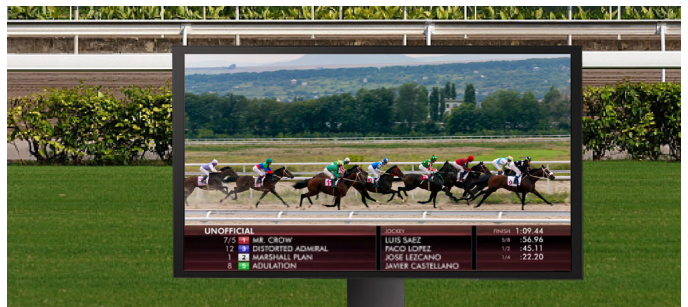
XE4P Series

Screen Size / Panel	55", 49" / IPS, M+
Native Resolution	1,920 × 1,080 (FHD)
Brightness (Typ.)	4,000 nits
Portrait / Landscape	Yes / Yes
Key Features	Temperature Sensor, Auto Brightness Sensor, Conformal Coating (Power Board)

Stay Bright, Stay Ahead with LG High Brightness Display Solution



IP-Rated Outdoor Display Type



A Display Designed for the Outdoors

LG provides advanced technical solutions equipped with various sensors, offering reliable and effective operations. Even in diverse environments exposed to sunlight, the XE4P can enhance your content visibility while alleviating concerns about excessive operational burdens. Designed to fit existing legacy XE4F casings, it provides a convenient replacement option. Now is the time to embrace the new standard in outdoor displays.

Be Bright, Stay in Sight



4,000 nits
High Brightness



Polarized
Sunglasses



Wide Viewing
Angle



High Picture
Quality



High Visibility Under Strong Sunlight

With a remarkable 4,000 nits of brightness (Typ.), the XE4P content stands out even in direct sunlight, capturing attention effortlessly. IPS technology ensures consistent visibility from wide viewing angles, while the M+ Color Setting enhances color vibrancy for vivid, eye-catching playback.

Anti-Discoloration™



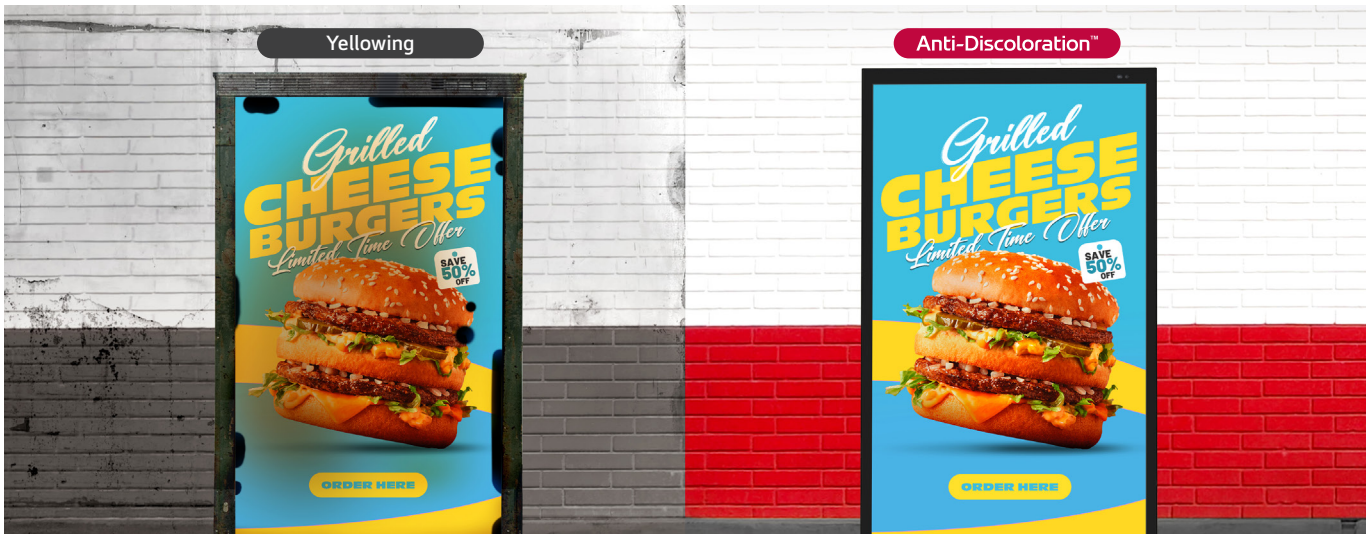
Yellowing
Resistance



Anti Black Circle



Enhanced
Thermal Solution



LG Anti-Discoloration

By focusing on the key pain points, we developed our new "Anti-Discoloration" technology designed to deter both screen yellowing and black circles. With an enhanced thermal solution, the XE4P can deliver¹ long-lasting and stable display quality.



The Perfect Display for Use in Direct-Sunlight

Specifically for direct-sunlight environments, LG achieved the world's first UL Verification for Anti-Discoloration performance in displays, proving exceptional resistance to screen yellowing. The UL-verified XE4P series minimizes yellowing concerns, one of the most common and challenging issues for outdoor digital signage.

¹ Product passed testing to earn UL Certification for Display Anti-Discoloration characteristics.

Enduring and Reliable



IP56



IK10



IP56 Rated Ingress Protection

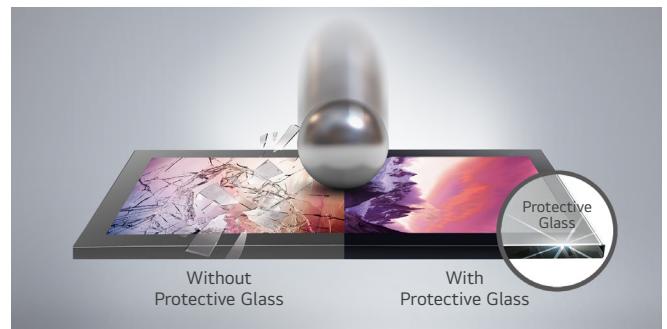
The XE4P is sealed with IP56 design for reliable operation. It is designed to be protected not only from water but also partially from dust, which is an essential feature for outdoor applications.



Wide Operating Temperature



Conformal Coating



IK10 Protective Glass

The XE4P features IK10 rated protective glass, tempered and laminated for outdoor extremes, minimizing damage from external impacts. This can reduce unnecessary LCD module replacements.



Wide Range of Operating Temperature

The XE4P can be used under a wide range of operating temperature from -22°F to 104°F with direct sunlight.



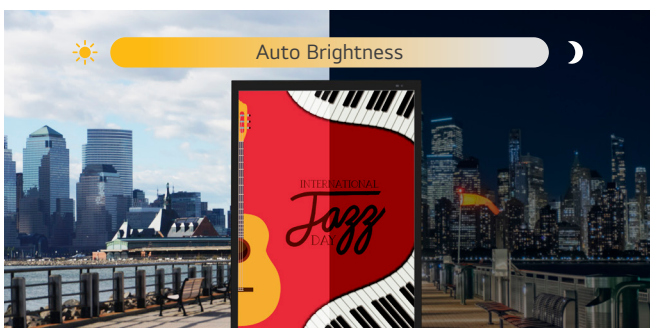
Conformal Coating

Conformal Coating is a thin protective film that shields the circuit board and power board from dust, iron powder, humidity, and other harmful contaminants.

Intelligent Energy Management

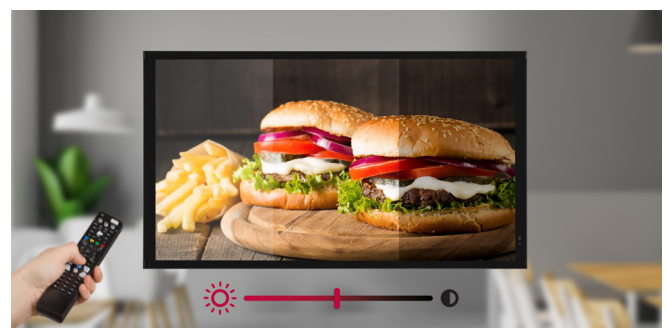


Energy Management Features



Sensible Energy Management

The screen brightness is automatically adjusted depending on the ambient light. The brightness is increased in light for better visibility, while it is decreased in darkness for efficient power management. Also, the highly efficient M+ panel on the XE4P is excellent at minimizing power consumption.



Easy Energy Management

The XE4P provides preset brightness settings suited to different locations and usage environments, enabling easy and effective power consumption management according to various scenarios.

* Manual mode: Max. 95%, Min. 5%
 Highlight mode: Max. 100%, Min. 20%
 Basic mode: Max. 70%, Min. 10%
 Nearby mode: Max. 50%, Min. 10%

Make Maintenance Simple



Built-In Wi-Fi



Vandalism Alert



Easy Installation



webOS 6.1



Backlight Sync

When showcasing product menus or advertising a new product, a multi-display setup can be utilized. Operators can easily synchronize backlight values across displays by adjusting the Backlight Sync in the internal settings. This user-friendly feature helps maintain consistent color representation with ease.

Built-In Wi-Fi & Bluetooth

Built-in Wi-Fi and Bluetooth allow easy wireless transfer and distribution of content, help to prevent data hijacking, and ensure convenient and efficient device operation. Additionally, the XE4P is equipped with a beacon that delivers real-time information, using location data for display content.



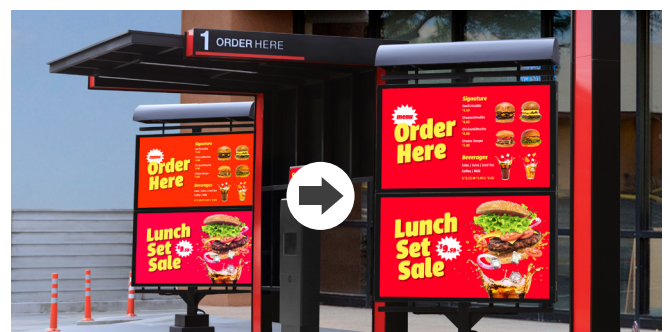
Vandalism Alert

If the sensor detects the XE4P experiencing an impact above a certain threshold or deviating from its original installation angle, it sends an alert to the administrator, enabling a quick response to issues like vandalism.



Easy Installation

For easy installation, the XE4P is equipped with a self-leveler tool for checking horizontal and vertical levels during installation, reducing the burden of installation work.



Consistent Performance with webOS 6.1

The XE4P, powered by LG webOS 6.1 and an enhanced System-on-Chip, delivers vivid, high-quality content playback. If the media player connection is lost, it automatically detects the signal drop and keeps the last active content on screen. In uniform Nx1 installations, it ensures consistent brightness across every display.

Control with Ease, Even from Afar



Smart Monitoring & Control

LG ConnectedCare

LG SuperSign Cloud

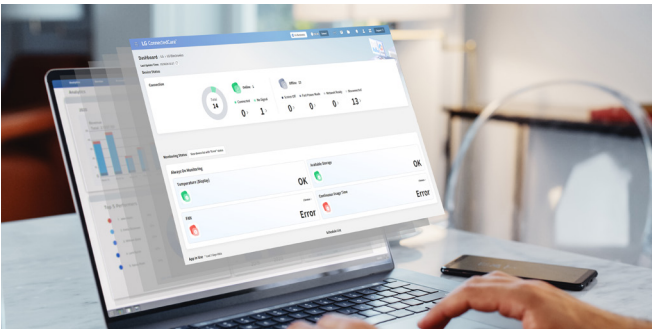


High-Performance with webOS 6.1

LG webOS 6.1, featuring an upgraded System-on-Chip and enhanced web engine, powers the XE4P to deliver smooth, efficient multitasking. Its intuitive interface provides a seamless user experience, while compatibility with HTML, JavaScript, and CSS enables simple, flexible app development.

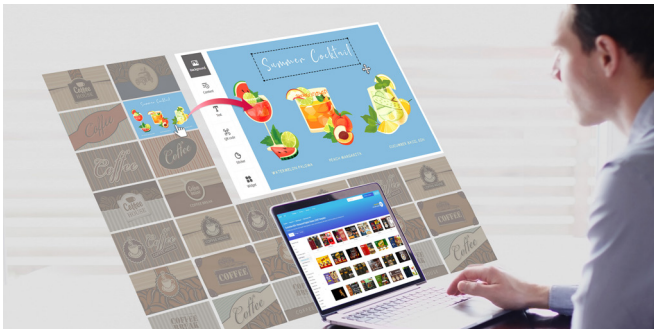
Web Monitoring

Enabled through a wired LAN connection, the LG Control Manager is an intuitive web-based monitoring program that provides full remote access from any PC or mobile device. Users can view both current and historical data, monitor performance, make adjustments, and control the unit in real time from anywhere.



Energy Consumption Dashboard

With LG ConnectedCare*, users can easily monitor their energy usage on a daily, weekly, and monthly basis. The platform provides comparative data on energy consumption, enabling users to effectively track and manage their energy habits.



Professional Content Partners

LG software solutions such as ConnectedCare and SuperSign Cloud (both sold separately) provide remote monitoring and control making signage networks easy to manage.



LG ConnectedCare

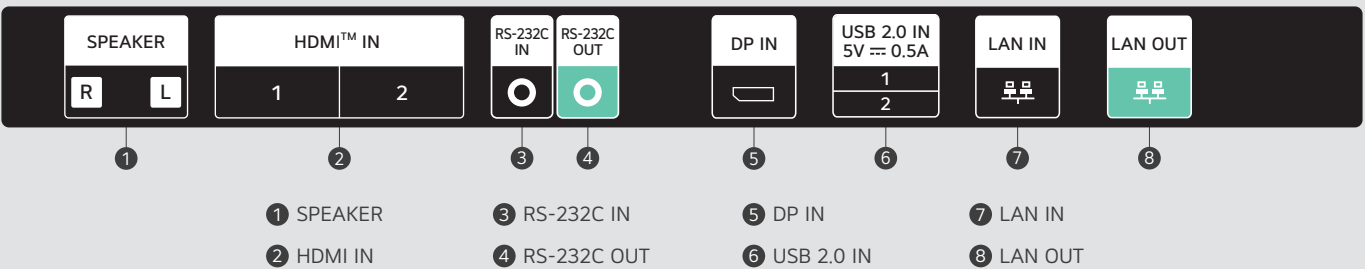


LG SuperSign Cloud

* LG ConnectedCare is sold separately.

CONNECTIVITY

55" / 49"



SPECIFICATIONS

	55XE4P		49XE4P
Panel	Screen Size (Inch)	55"	49"
	Panel Technology	IPS, M+	IPS, M+
	Back Light Type	Direct	Direct
	Aspect Ratio	16:9	16:9
	Native Resolution	1,920 × 1,080 (FHD)	1,920 × 1,080 (FHD)
	Refresh Rate	60 Hz	60 Hz
	Brightness	4,000 nits (Typ.), 3,200 nits (Min.)	4,000 nits (Typ.), 3,200 nits (Min.)
	Contrast Ratio	1,000:1	1,300:1
	Dynamic CR	500,000:1	500,000:1
	Color Gamut	72%	67%
	Viewing Angle (H × V)	178 × 178	178 × 178
	Color Depth (Number of Colors)	10 bit, 1.07 Billion Colors	10 bit, 1.07 Billion Colors
	Response Time	8 ms (Typ., G to G)	8 ms (Typ., G to G)
	Surface Treatment (Haze)	3%	3%
	Lifetime (Typ.)	Up to 50,000 hours	Up to 50,000 hours
	Operation Hours (Hours / Day)	24 / 7	24 / 7
	Portrait / Landscape	Yes / Yes	Yes / Yes
QWP (Quarter Wave Plate)	Yes	Yes	
Connectivity (Jack Interface)	Input	HDMI (2, HDCP 2.2), DP (HDCP 2.2), RS-232C (4 Pin Phone Jack) , RJ45 (LAN), USB 2.0 Type A (2)	
	Output	External Speaker (L/R, 10 W + 10 W), RS-232C, RJ45 (LAN)	
Mechanical	Bezel Color	Black	Black
	Bezel Width	38.4 / 26 / 26 / 38.4 mm	38.4 / 26 / 26 / 38.4 mm
	Weight (Head)	83.8 lbs. / 38 kg	68.8 lbs. / 31.2 kg
	Packed Weight	95.9 lbs. / 43.5 kg	TBD
	Monitor Dimension (W × H × D)	50.9 x 29.0 x 3.5 in. 1,292.5 × 737.4 × 88.0 mm	45.4 x 25.8 x 3.5 in. 1,153 × 656.2 × 88.0 mm
	Carton Dimensions (W × H × D)	56.9 x 35.0 x 8.1 in. 1,446 × 890 × 207 mm	50.7 x 31.4 x 8.1 in. 1,287 × 797 × 207 mm
Protection Glass	Thickness	5 mm	5 mm
	Degree of Protection	Yes (IK10)	Yes (IK10)
	Tempered / Chemical strengthening	Tempered	Tempered
	Anti-Reflective	Yes	Yes
	Infrared-Resistance (IR)	Yes	Yes
Shatter-Proof	Yes	Yes	
HW Feature	Internal Memory (eMMC) 16GB, Wi-Fi / Bluetooth (Built-In), Temperature Sensor, Auto Brightness Sensor, Pixel Sensor, Current Sensor ,BLU Sensor, Humidity Sensor, Acceleration (Gyro) Sensor , Power Indicator, FAN (Built-In)		
SW Feature	webOS 6.1, Local Contents Scheduling, Group Manager, USB Plug & Play , Fail Over, Booting Logo Image, No Signal Image, RS-232C Sync, Local Network Sync, Backlight Sync, PIP, PBP (2), Video Tag (4), Play via URL, Screen Rotation, External Input Rotation, Gapless Playback, Tile Mode Setting (Max., 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Status Mailing, Control Manager, Smart Energy Saving, PM Mode, Wake on LAN, Network Ready, Beacon, HDMI-CEC, SI Server Setting, webRTC, ProIdiom		
Environment Conditions	Operation Temperature	-22°F to 122°F -30°C to 50°C	-22°F to 122°F -30°C to 50°C
	Operation Humidity	5% to 100%	5% to 100%
Power	Power Supply	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz
	Power Type	Built-In Power	Built-In Power
Power Consumption	Typ. / Max.	210 / 460	190 / 400
	BTU (British Thermal Unit)	1,126 BTU/Hr (Typ.), 1,365 BTU/Hr (Max.)	1,024 BTU/Hr (Typ.), 1,194 BTU/Hr (Max.)
	Smart Energy Saving (70%)	190 W	160 W
	DPM	Under 0.5 W	Under 0.5 W
	Power off	Under 0.5 W	Under 0.5 W
Certifications	Safety	CB / NRTL	CB / NRTL
	EMC	FCC Class "A" / CE / KC / VCCI	FCC Class "A" / CE / KC / VCCI
	ErP / Energy Star	Yes / No	Yes / No
Software Compatibility	SuperSign (CMS, Control+, Cloud), LG ConnectedCare		
Language	OSD	English, French, German, Spanish, Italian, Korean , Chinese (Simplified), Chinese (Original), Portugues (Brazil), Swedish, Finnish, Norwegian, Danish, Russian, Japanese, Portugues (Europe), Dutch, Czech, Greek, Arab	
Accessory	Remote Controller , Manual (EIG, IG), Regulation Book, Phone to RS-232C Gender , HDMI Cable , Power Cable, Screws		
Special Feature	IP Rating	IP56	IP56
	Conformal Coating (Power Board)	Yes	Yes
	Direct Sunlight	Yes	Yes
Other Features	Warranty	3 Year Limited	3 Year Limited
	Noise Level	62 dB	62 dB

Life's Good.



#LoveWhatYouSeeLG



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